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_R_E_A_L_P_R_O_C_E_D_U_R_E GAMMA(X);
_V_A_L_L_U_E X;
_R_E_A_L X;
_C_O_D_E X;

```

```

      3,45
      PM C53 , GM P-1 ; ENTRY GAMMA: GAMMA:=1.0;
E1: ARNFPA1 ; START: _I_F X=0 _T_H_E_N
E13: SRF RE6 V NZ ; GAMMA:=2^510;
      ARNFRE , HH RE10 ; _I_F X<2 _T_H_E_N
      HV RE12 LZ ; _B_E_G_I_N
      HH RE4 NT ; GAMMA:=GAMMA/X;
      ARNFP-1 , DKF PA1 ; X:=X+1;
      HH RE10 LZ ; _I_F GAMMA|=0 _T_H_E_N
      GRF P-1 , ARNFPA1 ; _G_O_T_O START
      ARF C53 , GRF PA1 ; _E_N_D;
E4: HV RE13 , SRF C53 ; _I_F X>3 _T_H_E_N
      HV RE5 LT ; _B_E_G_I_N
      ARNFPA1 , SRF C53 ; X:=X-1;
      GRF PA1 , MKF P-1 ; GAMMA:=GAMMA*X;
      GRF P-1 , HV RE1 ; _G_O_T_O START
E5: ARF C53 , TKF 10 ; _E_N_D;
      GR C17 , ITN E11 ; _I_F X|=2 _T_H_E_N
E7: AR R_E_8 XT -1 ; _B_E_G_I_N
      MKN C17 V LA ; Z:=KOEFF[0];
      MKN C17 , HV RE7 ; _F_O_R N:=1 _S_T_E_P 1 _U_N_T_I_L 12 _D_O
      NKF 0 , ARF C53 ; Z:=Z*X+KOEFF[N];
E10: MKF P-1 , GRF P-1 ; GAMMA:=GAMMA*(Z+1) _E_N_D;
E12: PS P3 , HV C24-4 ; RETURN TO RS;

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E8: 232428146243A ; KOEFF[12]= 0.42278 43351 023
      226411615903 ; KOEFF[11]= 0.41184 03301 668
      44847389416 ; KOEFF[10]= 0.08157 69261 242
      40818772927 ; KOEFF[9]= 0.07424 89154 194
      -146337628 ; KOEFF[8]= -0.00026 61865 950
      6129620279 ; KOEFF[7]= 0.01114 97143 358
      -1559361761 ; KOEFF[6]= -0.00283 64625 204
      1133097228 ; KOEFF[5]= 0.00206 10918 502
      -460456055 ; KOEFF[4]= -0.00083 75646 851
      206359120 ; KOEFF[3]= 0.00037 53650 523
      -66749893 ; KOEFF[2]= -0.00012 14173 487
      15383976 ; KOEFF[1]= 0.00002 79832 890
E9: -1665865 ; KOEFF[0]= -0.00000 30301 908

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E: QQ 510 T 256 ; 2^510
E6: QQ 1 T 256 ; 2.0

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E11=E9-E8
_E

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_F_I_N_I_S

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